Inventor: RAHMAN, Anis Attorney Docket No. 23634-0001-U1 you

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

h re Application of RAHMAN, Anis

Application No.:

10/605,638

Group Art Unit: 2633

Application Filed:

October 15, 2003

Examiner KIANNI, KAVEH C

For: REFLECTIVE ARRAYED WAVEGUIDE GRATING

## PRELIMINARY AMENDMENT UNDER 37 CFR §1.115

Mail Stop AMENDMENT Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

## A) INTRODUCTORY COMMENTS

The Amendments to the Specification section begins on page 2 of this Preliminary Amendment.

The Amendments to the Claims section begins on page 3 of this Preliminary Amendment and any amendments to the claims are reflected in the listing of the claims included therein.

The Amendments to the Drawings section begins on page 9 of this Preliminary

Amendment and any amendments to the drawings include both an attached replacement sheet
and an annotated sheet showing any changes.

The Remarks/Arguments section begins on page 10 of this Preliminary Amendment.

PTO/SB/17 (12-04v2)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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FEE TRANSMITTAL For FY 2005    State   Consolidated Appropriations Act. 2005 (N.R. 4818).   Application Number   10/605,638											
First Named Inventor RAHMAN, Anis  Examiner Name KIANNI, Kaveh C.  Art Unit 2633  TOTAL AMOUNT OF PAYMENT (\$) 325.00 Attorney Docket No. 23634-0001-U1  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):  X Deposit Account Deposit Account Number: 50-1059 Deposit Account Name: McNees Wallace & Nurick LLC  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)											
Examiner Name KIANNI, Kaveh C. Art Unit 2633  TOTAL AMOUNT OF PAYMENT (\$) 325.00 Attorney Docket No. 23634-0001-U1  METHOD OF PAYMENT (check all that apply)  Check Credit Card Money Order None Other (please identify):  Deposit Account Deposit Account Number: 50-1059 Deposit Account Name: MCNees Wallace & Nurick LLC  For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)											
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Character (soft) indicated below											
Charge fee(s) indicated below Charge fee(s) indicated below, except for the filling fee											
Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments under 37 CFR 1.16 and 1.17											
WARNING: information on this form may become public. Credit card information should not be included on this form. Provide credit card											
Information and authorization on PTO-2038.											
FEE CALCULATION											
1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES EXAMINATION FEES											
Small Entity Small Entity Small Entity											
Application Type Fee (5) Fee (6) Fee (6) Fee (7) Fee (8) Fee (											
Design 200 100 100 50 130 65											
Plant 200 100 300 150 160 80 Reissue 300 150 500 250 600 300											
Provisional 200 100 0 0 0 0											
2. EXCESS CLAIM FEES Small Entity											
Fee Description Fee (5)											
Each claim over 20 (including Reissues) 50 25											
Each independent claim over 3 (including Reissues) 200 100 Multiple dependent claims 360 180											
Multiple dependent claims 360 180  Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims											
33 - 20 or HP = 13 x \$25.00 = \$325.00 Fee (\$) Fee Paid (\$)											
HP = highest number of total claims paid for, if greater than 20. Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)											
3 - 3 or HP = 0 x 0.00 = 0.00											
HP = highest number of independent claims paid for, if greater than 3.											
3. APPLICATION SIZE FEE  If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer  listings under 37 (FER 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50											
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).											
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (5) Fee Paid (5)											
42 - 100 = 0 / 50 = 0 (round up to a whole number) x 0.00 = 0.00											
4. OTHER FEE(S)  Non-English Specification, \$130 fee (no small entity discount)  N/A											
Other (e.g., late filing surcharge):											
SUBMITTED BY											
Signature Registration No. 24 024 Telephone (717) 237-5260											
Name (Print/Type) William P. Smith  Date June 14, 2005											

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT APPLICATION FEE DETERMINATION RECORD  Substitute for Form PTO-875									Application or Docket Number 101405635		
	AF	D – PART I (Col	- PART I (Column 2)		SMALL ENTITY		OR	OTHER THAN SMALL ENTITY			
	FOR	NUMBI	NUMBER FILED		NUMBER EXTRA		RATE (\$)	FEE (\$)		RATE (\$)	FEE (\$)
BASIC FEE (37 CFR 1.16(a), (b), or (c))		))						<i>3</i> 85			
SEARCH FEE (37 CFR 1.16(k), (i), or (m))		))									
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))		))									
TOTAL CLAIMS (37 CFR 1.16(i))		10	minus 20	= •			х =		OR	x =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))		vis 1	minus 3	= •			x =			x =	
APPI FEE	LICATION SIZE FR 1.16(s))	sheets of is \$250 (\$ additional	paper, the 125 for si 50 sheet	and drawings e e application si mall entity) for o s or fraction the (G) and 37 CFF	ze fee due each ereof. See						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))											
* If the difference in column 1 is less than zero, enter "0" in column 2. TOTAL											
AMENDMENT A	APPLICATION AS AMENDE (Column 1) CLAIMS REMAINING AFTER		(Column 2) HIGHEST NUMBER PREVIOUSLY	(Column 2) (Column 3) HIGHEST NUMBER REVIOUSLY PRESENT EXTRA		SMALL RATE (\$)	ADDI- TIONAL	OR	OTHER SMALL RATE (\$)		
	Total (37 CFR 1.16(i))	AMENDMENT	Minus	" $\sim 2D$	= 13	l	×25 =	FEE (\$) 325	OR	x, 7, =	TLL (\$)
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		(Column 1)		(Column 2)	(Column 3)	_			-		
IT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)	ADDI- TIONAL FEE (\$)		RATE (\$)	ADDI- TIONAL FEE (\$)
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ME	Application Size Fee (37 CFR 1.16(s))					1			ł		
Ĺ	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							<u> </u>	OR		
							TOTAL ADD'L FEE	· _	OR	TOTAL ADD'L FEE	
If the entry in column 1 is less than the entry in column 2, write "0" in column 3.  If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".  If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".											

"" If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

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